Tissue Homogenizer LX100TH

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Description

Tissue Homogenizer LX100TH is designed for the precise extraction and purification of nucleic acids from microbial cells, plant tissues, and animal tissues. Equipped with a built-in touchscreen display, allows for easy setting of working parameters and real-time visualization of experimental data. Its high-throughput capability enables users to perform a large number of simultaneous operations efficiently and with consistent results.

Specifications

Grinding method	Wet grinding, dry grinding and low temperature
Standard capacity	24 x 2ml PE adaptor 24 x 2ml refrigerating adaptor
Refrigerating function	No
Display mode	Touch screen display
Output granularity	~5μm
Compatible tube quantity	>2 pcs
Frequency	0~70Hz
Timer range	0~9999s
Grinding ball material	Alloy steel, chromium steel, zirconia, tungsten carbide, quartz sand
Grinding ball size	0.1~30mm
Power supply	220V, 50/60Hz
External dimension	260 x 380 x 500 mm
Net weight	25 Kg
Packing dimension	480 x 350 x 510 mm
Gross weight	30 Kg

Features

- Built-in touchscreen display for easy parameter setting and real-time data monitoring
- Metal body enhances machine stability, durability, and operational safety

- Safety lock mechanism secures the working chamber to protect both samples and users
- Fully enclosed sample tubes ensure contamination-free processing
- Programmable procedures provide consistent grinding results for identical tissue samples
- Multiple adaptor options available to accommodate various sample types and volumes

Applications

- Widely used in biochemistry, microbiology, surface chemistry, physical chemistry, zoology, and related fields for homogenization, grinding, cell disruption, and sample preparation.

Adapter Selection

Adapter Name	Adapter Specification
Adapter A1	0.2ml x 96
Adapter A2	2.0ml x 24
Adapter A3	5.0ml x 12
Adapter A4	15ml x 8
Adapter A5	50ml x 2
Adapter A6	5.0ml x 24
Adapter A7	2.0ml x 24 (Refrigerating type)
Adapter A8	5.0ml x 12 (Refrigerating type)
Adapter A9	15ml x 8 (Refrigerating type)
Adapter A10	25ml x 2 (Refrigerating type)
Adapter A11	50ml x 2 (Refrigerating type)
Adapter A12	Customized type

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